

Title (en)

THERMALLY CONDUCTIVE POLYORGANOSILOXANE COMPOSITION

Title (de)

WÄRMELEITFÄHIGE POLYORGANOSILOXANZUSAMMENSETZUNG

Title (fr)

COMPOSITION DE POLYORGANOSILOXANE THERMO-CONDUCTRICE

Publication

**EP 3575365 A4 20201111 (EN)**

Application

**EP 18745422 A 20180125**

Priority

- JP 2017013108 A 20170127
- JP 2018006199 A 20180118
- JP 2018002191 W 20180125

Abstract (en)

[origin: EP3575365A1] The present invention relates to a thermally conductive polysiloxane composition that provides a cured product having excellent tackiness and flexibility in which the composition contains (A) a thermally conductive filler, (B) a siloxane compound having an alkoxyisilyl group and a linear siloxane structure, (C) a polyorganosiloxane having at least two alkenyl groups bonded to silicon atoms per molecule, (D1) a linear polyorganohydrogensiloxane represented by the general formula (4), (D2) a polyorganohydrogensiloxane having per molecule at least three units represented by the general formula (5), and (E) a platinum catalyst.

IPC 8 full level

**C08L 83/07** (2006.01); **C08K 3/00** (2018.01); **C08L 83/04** (2006.01); **C08L 83/05** (2006.01)

CPC (source: EP KR US)

**C08G 77/045** (2013.01 - US); **C08G 77/08** (2013.01 - KR US); **C08G 77/12** (2013.01 - KR US); **C08G 77/18** (2013.01 - KR US);  
**C08G 77/20** (2013.01 - US); **C08G 77/70** (2013.01 - US); **C08K 3/22** (2013.01 - EP US); **C08K 3/36** (2013.01 - EP KR US);  
**C08K 5/54** (2013.01 - EP); **C08K 7/00** (2013.01 - EP); **C08K 9/06** (2013.01 - EP US); **C08K 13/06** (2013.01 - EP);  
**C08L 83/04** (2013.01 - EP KR US); **C09K 5/14** (2013.01 - EP); **H01L 23/3737** (2013.01 - EP); **C08G 77/12** (2013.01 - EP);  
**C08G 77/18** (2013.01 - EP); **C08G 77/20** (2013.01 - EP); **C08K 2003/2227** (2013.01 - EP US); **C08K 2201/001** (2013.01 - KR);  
**C08K 2201/003** (2013.01 - US); **C08K 2201/014** (2013.01 - EP); **C08L 2203/20** (2013.01 - US); **C08L 2205/025** (2013.01 - US);  
**C08L 2205/035** (2013.01 - US)

Citation (search report)

- [A] JP 2009203373 A 20090910 - MOMENTIVE PERFORMANCE MAT INC
- [A] EP 2039722 A2 20090325 - SHINETSU CHEMICAL CO [JP]
- [A] JP 2009292928 A 20091217 - SHINETSU CHEMICAL CO
- [A] US 2007185259 A1 20070809 - HOSHINO CHISATO [JP]
- See references of WO 2018139506A1

Cited by

US2021147681A1; US11118056B2; EP3489280A4; US11359124B2; US11286349B2; US11254849B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3575365 A1 20191204; EP 3575365 A4 20201111; EP 3575365 B1 20210915;** JP 2018123310 A 20180809; JP 6383885 B2 20180829;  
KR 102542894 B1 20230614; KR 20190104075 A 20190905; TW 201833296 A 20180916; TW I766937 B 20220611; US 11142644 B2 20211012;  
US 2021130615 A1 20210506

DOCDB simple family (application)

**EP 18745422 A 20180125;** JP 2018006199 A 20180118; KR 20197025119 A 20180125; TW 107102694 A 20180125;  
US 201816481086 A 20180125